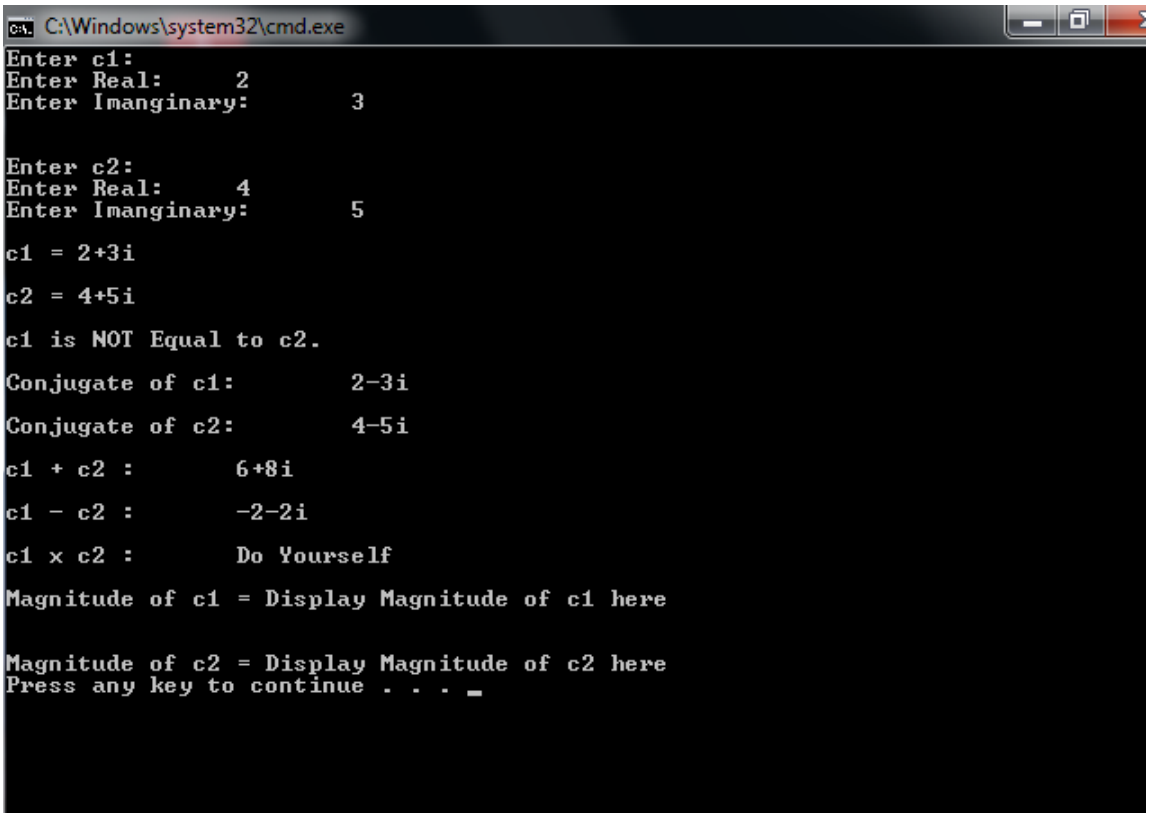
Object Oriented Programming (BDS-B, BDS-D)

Assignment 2 - Complex Numbers

Implement following **ComplexNumber** class and write driver program to produce given sample output:

```
class ComplexNumber
{
private:
	int real;
	int imaginary;
public:
	ComplexNumber(int, int); //with default arguments
	~ComplexNumber(); //Does Nothing.
	void Input();
	void Output();
	bool IsEqual(ComplexNumber);
	ComplexNumber Conjugate();
	ComplexNumber Add(ComplexNumber);
	ComplexNumber Subtract(ComplexNumber);
	ComplexNumber Multiplication(ComplexNumber);
	float Magnitude();
};
```

Sample Output:



Help:

https://en.wikipedia.org/wiki/Complex_number

Important:

- Do not change class definition
- Submit only one **RUNNING** file YourRollNumber.cpp that contains class, its implementation and the driver Program. Do not submit .rar or .zip files.